

PATENT COOPERATION TREATY

PCT

From the INTERNATIONAL BUREAU

NOTIFICATION OF THE RECORDING OF A CHANGE

(PCT Rule 92bis.1 and
Administrative Instructions, Section 422)

To:

YAIST, Ronald, P.
Intellectual Property Law
The Goodyear Tire & Rubber Company
1144 East market Street
Akron, OH 44316-0001
ETATS-UNIS D'AMERIQUE

Date of mailing (day/month/year) 11 septembre 2001 (11.09.01)	IMPORTANT NOTIFICATION
Applicant's or agent's file reference DN1999213PCT	
International application No. PCT/US99/22799	International filing date (day/month/year) 01 octobre 1999 (01.10.99)

1. The following indications appeared on record concerning:		
<input type="checkbox"/> the applicant	<input type="checkbox"/> the inventor	<input checked="" type="checkbox"/> the agent
<input type="checkbox"/> the common representative		
Name and Address	State of Nationality	State of Residence
	Telephone No.	
	Facsimile No.	
	Teleprinter No.	
2. The International Bureau hereby notifies the applicant that the following change has been recorded concerning:		
<input type="checkbox"/> the person	<input type="checkbox"/> the name	<input type="checkbox"/> the address
<input type="checkbox"/> the nationality	<input type="checkbox"/> the residence	
Name and Address YAIST, Ronald, P. Intellectual Property Law The Goodyear Tire & Rubber Company 1144 East market Street Akron, OH 44316-0001 United States of America	State of Nationality	State of Residence
	Telephone No.	
	Facsimile No.	
	Teleprinter No.	
3. Further observations, if necessary: Please note the new address for correspondence.		
4. A copy of this notification has been sent to:		
<input checked="" type="checkbox"/> the receiving Office	<input type="checkbox"/> the designated Offices concerned	
<input type="checkbox"/> the International Searching Authority	<input checked="" type="checkbox"/> the elected Offices concerned	
<input checked="" type="checkbox"/> the International Preliminary Examining Authority	<input type="checkbox"/> other:	

The International Bureau of WIPO 34, chemin des Colombettes 1211 Geneva 20, Switzerland Facsimile No.: (41-22) 740.14.35	Authorized officer Jocelyne REY-MILLET Telephone No.: (41-22) 338.83.38
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PATENT COOPERATION TREATY

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NOTIFICATION OF ELECTION

(PCT Rule 61.2)

From the INTERNATIONAL BUREAU

To:

Commissioner
 US Department of Commerce
 United States Patent and Trademark
 Office, PCT
 2011 South Clark Place Room
 CP2/5C24
 Arlington, VA 22202
 ETATS-UNIS D'AMERIQUE

in its capacity as elected Office

Date of mailing (day/month/year) 13 June 2001 (13.06.01)	
International application No. PCT/US99/22799	Applicant's or agent's file reference DN1999213PCT
International filing date (day/month/year) 01 October 1999 (01.10.99)	Priority date (day/month/year)
Applicant LONEY, Gregory, Lee et al	

1. The designated Office is hereby notified of its election made:

☒ in the demand filed with the International Preliminary Examining Authority on:

24 April 2001 (24.04.01)

☐ in a notice effecting later election filed with the International Bureau on:

2. The election ☒ was

☐ was not

made before the expiration of 19 months from the priority date or, where Rule 32 applies, within the time limit under Rule 32.2(b).

The International Bureau of WIPO 34, chemin des Colombettes 1211 Geneva 20, Switzerland Facsimile No.: (41-22) 740.14.35	Authorized officer Antonia Muller Telephone No.: (41-22) 338.83.38
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PATENT COOPERATION TREATY

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INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference DN1999213PCT	FOR FURTHER ACTION see Notification of Transmittal of International Search Report (Form PCT/ISA/220) as well as, where applicable, item 5 below.	
International application No. PCT/US 99/ 22799	International filing date (day/month/year) 01/10/1999	(Earliest) Priority Date (day/month/year)
Applicant THE GOODYEAR TIRE & RUBBER COMPANY et al.		

This International Search Report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This International Search Report consists of a total of 3 sheets.

☒ It is also accompanied by a copy of each prior art document cited in this report.

1. Basis of the report

- a. With regard to the **language**, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.

☐ the international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).

- b. With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application, the international search was carried out on the basis of the sequence listing :

☐ contained in the international application in written form.

☐ filed together with the international application in computer readable form.

☐ furnished subsequently to this Authority in written form.

☐ furnished subsequently to this Authority in computer readable form.

☐ the statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the international application as filed has been furnished.

☐ the statement that the information recorded in computer readable form is identical to the written sequence listing has been furnished

2. ☐ **Certain claims were found unsearchable** (See Box I).

3. ☐ **Unity of invention is lacking** (see Box II).

4. With regard to the **title**,

☒ the text is approved as submitted by the applicant.

☐ the text has been established by this Authority to read as follows:

5. With regard to the **abstract**,

☒ the text is approved as submitted by the applicant.

☐ the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box III. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

6. The figure of the **drawings** to be published with the abstract is Figure No.

☒ as suggested by the applicant.

☐ because the applicant failed to suggest a figure.

☐ because this figure better characterizes the invention.

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☐ None of the figures.

INTERNATIONAL SEARCH REPORT

International Application No

PCT/US 99/22799

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 B29C33/48 B29C33/22 //B29L30:00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 B29D

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	CA 935 609 A (AECO METALS LTD) 23 October 1973 (1973-10-23) the whole document ---	1, 3, 7-9
X	FR 1 590 815 A (SEMPERIT) 20 April 1970 (1970-04-20) page 2, line 41 -page 3, line 37; figures 1-3 page 3, line 38 -page 4, line 36; figures 1-3 ---	1, 3, 7-9
X	US 3 990 823 A (LE MOULLAC ROGER) 9 November 1976 (1976-11-09) the whole document --- -/--	1, 3, 7-9

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

° Special categories of cited documents :

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier document but published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

"&" document member of the same patent family

Date of the actual completion of the international search

6 June 2000

Date of mailing of the international search report

15/06/2000

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
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Authorized officer

Fregosi, A

INTERNATIONAL SEARCH REPORT

International Application No

PCT/US 99/22799

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	DE 22 01 012 A (C I M A S A S DI CAPECCHI FLOR) 18 January 1973 (1973-01-18) page 6, line 13 -page 8, line 3; figures 1-9 ---	1,7,8
X	US 4 828 471 A (SCHLAUTMANN HEINRICH) 9 May 1989 (1989-05-09) A the whole document ---	1,7,8 2-4
A	GB 1 409 008 A (ZANGL K) 8 October 1975 (1975-10-08) page 3, line 17 -page 4, line 66; figures 1-11 -----	5

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/US 99/22799

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
CA 935609	A	23-10-1973	NONE	
FR 1590815	A	20-04-1970	NONE	
US 3990823	A	09-11-1976	FR 2270088 A	05-12-1975
			AT 341893 B	10-03-1978
			AT 193575 A	15-06-1977
			BE 826791 A	18-09-1975
			DE 2513781 A	09-10-1975
			GB 1452045 A	06-10-1976
DE 2201012	A	18-01-1973	NONE	
US 4828471	A	09-05-1989	DE 3631533 A	24-03-1988
			DE 3761538 D	08-03-1990
			DK 485087 A	18-03-1988
			EP 0260628 A	23-03-1988
			GB 2195946 A	20-04-1988
			JP 63132010 A	04-06-1988
			JP 63172613 A	16-07-1988
GB 1409008	A	08-10-1975	DE 2315461 A	10-10-1974
			FR 2223172 A	25-10-1974
			IT 1002073 B	20-05-1976
			LU 68768 A	21-01-1974